

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P26378Application No.
10/516,315INFORMATION DISCLOSURE STATEMENT
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(Use several sheets if necessary)

Applicants
Kimiko MUROFUSHI et al.Filing Date
January 30, 2006Group
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5 2 3 8 9 6 5	08/24/93	PIAZZA et al.			
		6 1 5 0 3 4 5	11/21/00	CHUN et al.			
	2004/	0 2 1 4 7 9 9	10/28/04	MUKAI et al.			
	2004/	0 1 7 6 3 2 9	09/09/04	MUROFUSHI et al.			
	2004/	0 2 2 0 1 4 9	11/04/04	MUROFUSHI et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	00	/ 0 0 9 1 3 9	02/24/00	WIPO				
	00	/ 0 5 7 8 6 5	10/05/00	WIPO				
	99	/ 0 4 7 1 0 1	09/23/99	WIPO				
	00	/ 0 5 7 8 6 4	10/05/00	WIPO				
	02	/ 0 9 4 2 8 6	11/28/02	WIPO				
	02	/ 0 8 3 1 4 9	10/24/02	WIPO				
	02	/ 0 8 3 1 4 8	10/24/02	WIPO				
	5	- 2 3 0 0 8 8	09/07/93	JAPAN				
	6	- 2 2 8 1 6 9	08/16/94	JAPAN				
	7	- 1 4 9 7 7 2	06/13/95	JAPAN				
	7	- 2 5 8 2 7 8	10/09/95	JAPAN				
	9	- 0 2 5 2 3 5	01/28/97	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	English language Abstract of JP 5-230088, published September 7, 1993
2	English language Abstract of JP 6-228169, published August 16, 1994
3	English language Abstract of JP 7-149772, published June 13, 1995
4	English language Abstract of JP 7-258278, published October 9, 1995
5	English language Abstract of JP 9-25235, published January 28, 1997
6	W.H. MOOLENAAR, Exp. Cell. Res., Vol. 253, pp. 230-238, 1999
7	Z. GUO et al., Proc. Natl. Acad. Sci. USA, Vol. 93, pp. 14367-14372, 1996
8	HECHT, J. et al., J. Cell Biol., Vol. 135, pp. 1071-1083, 1996
9	S. AN et al., J. Biol. Chem., Vol. 273, pp. 7906-7910, 1998

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/Rei Tsang Shiao/ (05/29/2008)

DATE CONSIDERED

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U.S. PATENT DOCUMENTS							
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	10	K. BANDO et al., J. Biol. Chem., Vol. 274, pp. 27776-27785, 1999					
	11	D.-S. IM et al., Mol. Pharmacol., Vol. 57, pp. 753-759, 2000					
	12	VAN CORVEN, E., et al., Cell, Vol. 59, pp. 45-54, 1989					
	13	UMANSKY, S. R. et al., Cell Death Diff., Vol. 4, pp. 608-616, 1997					
	14	A. GOHLA et al., J. Biol. Chem., Vol. 273, pp. 4653-4659, 1998					
	15	TIGYI, G. et al., J. Biol. Chem., Vol. 267, pp. 21360-21367, 1992					
	16	JALINK, K. et al., Cell Growth & Differ., Vol. 4, pp. 247-255, 1993					
	17	JALINK, K. et al., J. Cell Biol., Vol. 126, pp. 801-810, 1994					
	18	TIGYI, G. et al., J. Neurochem., Vol. 66, pp. 537-548, 1996					
	19	IMAMURA, F. et al., Biochem. Biophys. Res. Commun., Vol. 193, pp. 497-503, 1993					
	20	K. L. O'CONNOR et al., J. Cell. Biol., Vol. 143, pp. 1749-1760, 1998					
	21	J. C. STAM et al., EMBO J., Vol. 17, pp. 4066-4074, 1998					
	22	MURAKAMI-MUROFUSHI, K. et al., J. Biol. Chem., Vol. 267, pp. 21512-21517, 1992					
	23	KOBAYASHI, T. et al., Life Sciences, Vol. 65, pp. 2185-2191, 1999					
	24	LILIOM, K. et al., Am. J. Physiol., Vol. 274, pp. C1065-1074, 1998					
	25	MURAKAMI-MUROFUSHI, K. et al., Cell Struct. Funct., Vol. 18, pp. 363-370, 1993					
	26	P. L. HORDIJK et al., J. Biol. Chem., Vol. 269, pp. 3534-3538, 1994					
	27	L. R. HOWE et al., J. Biol. Chem., Vol. 268, pp. 20717-20720, 1993					
	28	T. KOBAYASHI et al., Protein, Nucleic Acid and Enzyme, Vol. 44, pp. 1118-1125, 1999					
	29	MUKAI, M. et al., Int. J. Cancer, Vol. 81, pp. 918-922, 1999					
	30	AKEDO, H. et al., Cancer Res., Vol. 46, pp. 2416-2422, 1986					
	31	M. MUKAI et al., FEBS Letters, Vol. 484, pp. 69-73, 2000					
	32	Karoly LILIOM et al., "N-Palmitoyl-serine an N-Palmitoyl-tyrosine Phosphoric Acids Are Selective Competitive Antagonists of the Lysophosphatidic Acid Receptors", Molecular Pharmacology, Vol. 50, No. 3, pp. 616-623 (1996)					
	33	Tutomu YOKOMATSU et al., "Lipase-Catalyzed Enantioselective Acylation of Prochiral 2-(ω -Phosphono)alkyl-1,3-Propanediols: Application to the Enantioselective Synthesis of ω -Phosphono- α -Amino Acids", Tetrahedron: Asymmetry, Vol. 7, No. 9, pp. 2743-2754 (1996)					
	34	SCHUMACHER, K. A. et al., Thromb. Haemostas., Vol. 42, pp. 631-640, 1979					
	35	TOKUMURA, A. et al., Lipids, Vol. 13, pp. 468-472, 1978					
	36	FISCHER, D. J. et al., Mol. Pharmacol., Vol. 52, pp. 979-988, 1998					
EXAMINER		/Rei Tsang Shiao/ (05/29/2008)			DATE CONSIDERED		
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	37	IMAMURA, F. et al., Jpn. J. Cancer Res., Vol. 82, pp. 493-496, 1991						
	38	IMAMURA, F. et al., Int. J. Cancer, Vol. 65, pp. 627-632, 1996						
	39	SHIONO, S. et al., Biochem. Biophys. Res. Commun., Vol. 193, pp. 667-673, 1993						
	40	MURAKAMI-MUROFUSHI, K. et al., Biochem. Biophys. Acta, Vol. 1258, pp. 57-60, 1995						
	41	SAKURAI, Y. et al., J. Neurosci. Res., Vol. 52, pp. 17-26, 1998						
	42	BANKER, G. A. et al., Brain Research, Vol. 126, pp. 397-425, 1977						
	43	YOKOMATSU, T. et al., Heterocycles, Vol. 46, pp. 463-472, 1997						
	44	BESTMANN, H. J. et al., Chemical Ber., Vol. 0.125, pp. 225-229, 1992						
	45	Chemical Abstracts, Vol. 105, abstract No. 191524, 1986						
	46	S. KOBAYASHI et al., Tetrahedron Letters, Vol. 34, pp. 4047-4050, 1993						
	47	"The 23 rd Symposium on Progression Organic Reactions in Life Science," November 17 and 18, 1997, The Pharmaceutical Society of Japan, Synthesis and Physiological Action of Cyclic Phosphatidic Acid and Carba Derivative, Abstract Collection pp. 101-104						
	48	Kawai et al., Synthesis and Physiological Effects of Cyclic Lysophosphatidic Acid and Carba Derivative "The 23 rd Symposium on Progression Organic Reactions in Life Science," November 17 and 18, 1997, The Pharmaceutical Society of Japan, pp. 1-9, which appears to be an English translation of the above-cited "The 23 rd Symposium on Progression Organic Reactions in Life Science"						
	49	C. LAUDANNA et al., J. Biol. Chem., Vol. 272, pp. 24141-24144, 1997						
	50	J.-M. DONG et al., J. Biol. Chem., Vol. 273, pp. 22554-22562, 1998						
	51	G. POSTE et al., Nature, Vol. 283, pp. 139-146, 1980						
	52	M. MUKAI et al., Protein, Nucleic Acid and Enzyme, Vol. 44, pp. 1126-1131, 1999						
	53	Kobayashi et al., CAS: 123:144502, 1995						
	54	Shinagawaga et al., CAS: 124:76506, 1995						
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